## SITE A





New Cingular Wireless PCS, LLC

500 Enterprise Drive

Rocky Hill, Connecticut 06067-3900

Phone: (860) 513-7636 Fax: (860) 513-7190

Steven L. Levine Real Estate Consultant

February 19, 2009

TO: H

Hollis Redding, Optasite Inc.

FROM:

Steve Levine

RE:

Power Density Calculation for Proposed AT&T / New Cingular Wireless PCS, LLC

Antennas on a Proposed Optasite Tower off Rabbit Hill Road in Warren, CT

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower follows.

This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm²)	Standard Limits (mW/cm <sup>2</sup> )	Percent of Limit
AT&T GSM	160	1900 Band	2	427	0.0120	1.0000	1.20
AT&T GSM	160	880 - 894	4	296	0.0166	0.5867	2.83
AT&T UMTS	160	880 - 894	1	500	0.0070	0.5867	1.20
Total				8 0 5 6 6	0.00		5.2%

## SITE B





New Cingular Wireless PCS, LLC

500 Enterprise Drive Rocky Hill, Connecticut 06067-3900

Phone: (860) 513-7636 Fax: (860) 513-7190

Steven L. Levine Real Estate Consultant

January 19, 2009

TO: Kevin Dey

FROM: Steve Levine

RE: Power Density Calculation for Proposed Antennas on a Proposed Tower at 131

Rabbit Hill Road, Warren

The cumulative worst-case power density for this site in accordance with FCC OET Bulletin No. 65 (1997) for a point of interest at ground level beside the tower follows.

This worst-case calculation assumes all channels working simultaneously at full power with the antennas facing directly downward.

,	Centerline Ht (feet)	Frequency (MHz)	Number of Channels	Power Per Channel (Watts)	Power Density (mW/cm²)	Standard Limits (mW/cm²)	Percent of Limit
AT&T GSM	150	1900 Band	2	427	0.0136	1.0000	1.36
AT&T GSM	150	880 - 894	. 4	296	0.0189	0.5867	3.23
AT&T UMTS	150	880 - 894	1	500	0.0080	0.5867	1.36
Total							6.0%

Hartford/72517.5/CLARSON/350988v1